

**From:** [RANDOLPH, TONYA](#)  
**Subject:** Riverside and White River Population  
**Date:** Tuesday, September 16, 2014 9:24:22 AM

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**From:** McIver, Ann [<mailto:AMcIver@citizensenergygroup.com>]  
**Sent:** Thursday, August 28, 2014 6:07 PM  
**To:** JAWORSKI, MARK  
**Subject:** Re: Riverside and White River Population

Mark,  
Here is the response from our technical folks.

Ann

Groundwater from the White River and Riverside wells is pumped to the White River treatment plant where it blends with raw surface water, then passes through the entire surface water treatment process prior to distribution to customers. There is no dedicated population that is directly served by only water from these wellfields. However, we can calculate the estimated population that the volume of groundwater used represents based on our overall system consumption and population served. Whether or not this is appropriate is dependent upon your needs and objectives, but here are the calculations (based on 2013 data):

Number of customers = 324,714  
Estimated population served = 876,728  
Total water provided in 2013 = 45,518 MG  
Total water produced from White River treatment plant = 25,008 MG (54.9% of total)  
Percent of White River supply from White River and Riverside wellfields: 17.9%  
Percent of Total supply from White River and Riverside wellfields = 9.8%  
Equivalent population served by water supplied from White River and Riverside wellfields:  
(9.8% of 876,728) = **85,900**

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On Aug 28, 2014, at 6:01 PM, "JAWORSKI, MARK" <[MJAWORSK@idem.IN.gov](mailto:MJAWORSK@idem.IN.gov)> wrote:

Hi Ann,  
Just checking to see if you need any information regarding the population request. A few additional sentences (in addition to the population served) explaining how the water is distributed from the Riverside and White River well fields would be helpful. I will be back in the office on Tuesday if you have any questions. Have a nice Labor Day Weekend.  
Thanks

Mark Jaworski

Site Investigation  
Federal Programs  
Indiana Department of Environmental Management  
(317) 233-2407

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**From:** JAWORSKI, MARK  
**Sent:** Monday, August 25, 2014 11:33 AM  
**To:** 'McIver, Ann'  
**Subject:** RE: Riverside and White River Population

Ann,

Tomorrow will be fine. I'm not sure what questions Kraig has for WR 1. We have WR 1 listed for Sample E2T09. However, our field sheet comments are calling it Well B. It is located at the northeast corner of 18<sup>th</sup> and Harding Street. It appears that WR1 may not be the correct designation. Does Well B sound like the proper designation? We can make the change.

Mark

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**From:** McIver, Ann [<mailto:AMcIver@citizensenergygroup.com>]  
**Sent:** Monday, August 25, 2014 11:18 AM  
**To:** JAWORSKI, MARK  
**Subject:** RE: Riverside and White River Population

Mark,

I'll get that for you – it will likely be tomorrow, though, as my water staff scientist is off today.

Do you have the answers for Kraig on what you called WR1?

Ann

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**From:** JAWORSKI, MARK [<mailto:MAWORSK@idem.IN.gov>]  
**Sent:** Monday, August 25, 2014 11:06 AM  
**To:** McIver, Ann  
**Subject:** Riverside and White River Population

Hi Ann,

Can you provide the number of people served by the Riverside and White River well fields. Is the population served combined or separate? Also, are the two well fields supplied with water from other wells or surface water intakes before it is distributed to the population?

Thanks

Mark Jaworski  
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